SAMSUNG

COLOR MONITOR(VGA)
USER'S MANUAL

CVL495*

HOW TO GET THE MOST EXCELLENT PERFORMANCE FROM YOUR NEW SAMSUNG VGA COLOR MONITOR

This manual has been prepared to assist you in becoming familiar with your new color monitor. To obtain optimum results, spend a few minutes reading this manual carefully before you start operating this unit.

Features:

- High performance CRT for sharp and crisp images
- 14" diagonal screen
- 256 Color display
- R.G.B. direct drive system
- Compatible with IBM PS/2

Warning:

TO PREVENT FIRE OR SHOCK HAZARD. DO NOT EXPOSE APPLIANCE TO RAIN OR MOISTURE.

ce: This color monitor is designed to operate on 120 VAC / 60 Hz

Plug the AC power cord to the specified outlet.

This unit should be interconnected with data source equipment by means of appropriate shielded cable to comply with FCC requirements on RF emission limits.

of THIS APPARATUS COMPLIES WITH THE CLASS "B" LIMITS FOR RADIO
tions' INTERFERENCE AS SPECIFIED IN THE CANADIAN DEPARTMENT OF
t: COMMUNICATIONS' RADIO INTERFERENCE REGULATIONS.

CET APPAREIL EST CONFORME AUX NORMES CLASS "B" D' INTERFERENCE RADIO TEL OUE SPECIFIER PAR LE MINISTERE CANADIEN DES COMMUNICATIONS DANS LES REGLEMENTS D' INTERFERENCE RADIO.

Instructions to User:

NOTE: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

NOTE: User must use shielded interface cables in order to maintain product within FCC compliance.

INFORMATION TO USER: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

If necessary, consult your dealer or an experienced radio / television technician for additional suggestions. The user may find the following booklet helpful, prepared by the Federal Communications Commission;
" How to Identify and Resolve Radio - TV Interference Problems" This booklet is available from the U. S. Government Printing Office, Washington, D. C. 20402, Stock number 004 - 000 - 00345 - 4.

Safety Tips:

1. Make sure the voltage designation on your Monitor corresponds to local electrical supply before connecting the AC power cord to an outlet.

2. To avoid electric shock, never touch the inside of the Monitor. Only a qualified technician should open the Monitor's case.

3. Never use your Monitor if the power cord has been demaged. Do not allow anything to rest on the power cord, and keep the cord away from where people will walk on it.

4. Be sure to hold the plug, not the cord, when disconnecting the Monitor from an eletric socket.

5. Openings in the Monitor cabinet are provided for ventilation. To prevent overheating, these openings should not be blocked or covered with anything. Also, avoid using the Monitor on a bed, sofa, rug, or other soft surface, because doing so may block the ventilation openings in the bottom of the cabinet. If you put the Monitor in a bookcase or some other enclosed space, be sure that adequate ventilation is provided.

6. Be careful not to insert anything metallic into the Monitor openings. Doing so may create a danger of electric shock.

7. Put your Monitor in a location with low humidity and a minimum of dust. Avoid places like damp basements or dusty hallways.

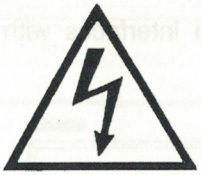
8. Do not expose the Monitor to rain or use it near water (in kitchens, next to swimming pools, etc.). If the monitor accidentally gets wet, unplug it and contact a dealer immediately. You can clean the Monitor with adamp cloth when necessary, but be sure to unplug the Monitor first.

9. Place the Monitor on a solid surface, and treat it kindly. The screen is made of glass and can be damaged if dropped or hit sharply.

10. If your Monitor does not operate normally - in particular if there are any unusual sounds or smells coming from it - immediately unplug it and contact a dealer.

11. High temperatures can cause trouble.Try not to use your Monitor in direct sunlight, and keep it away from heaters, stoves, fireplaces and other sources of heat.

12. Unplug the Monitor when it is going to be left unused for an extended period of time.



The lightning flash and arrowhead within the triangle is a warning sign alerting you or "dangerous voltage" inside the product.

CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within the triangle is a warning sign alerting you of imporant instructions accompanying the product.

For detailed safety precautions, see the leaflet "SAFETY TIPS" included with this manual.

Operating Guide:

- Input signal: R.G.B. Analog
- Input connection

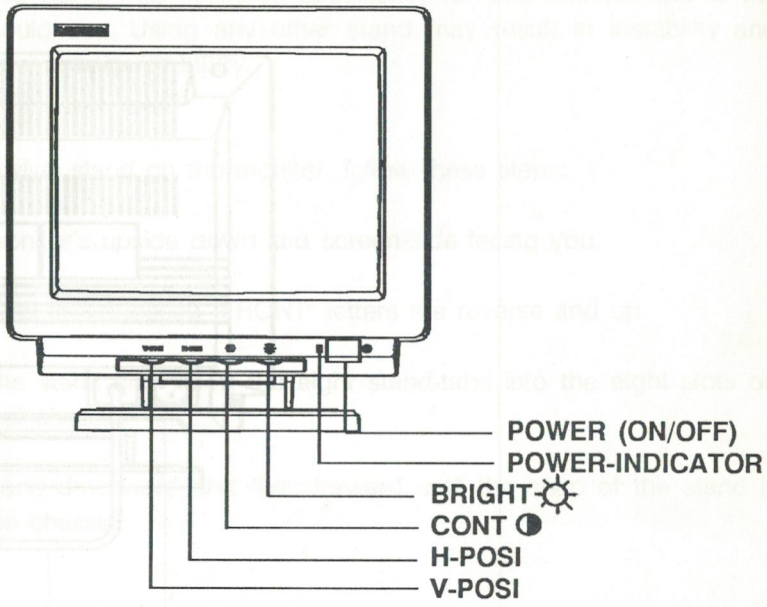
The connection which interfaces with the IBM PS/2 is a subminiature 15 Pin D-shell connector.

Pin	Function	Pin	Function
1	Red	11	Digital Gnd
2	Green	12	N/C
3	Blue	13	H-Sync
4	N/C	14	V-Sync
5	Self Raster	15	N/C
6	Red Return		
7	Green Return		
8	Blue Return		
9	N/C		
10	Digital Gnd		

N/C means no connection.

Location of Controls:

FRONT VIEW



Front Controls:

- **POWER (ON/OFF)**
  To turn the monitor on, push the power (on / off) switch once. The power indicator (green) light will go on and stay lit until the monitor is turned off. To turn the monitor off, push the power (on/off) switch once again.

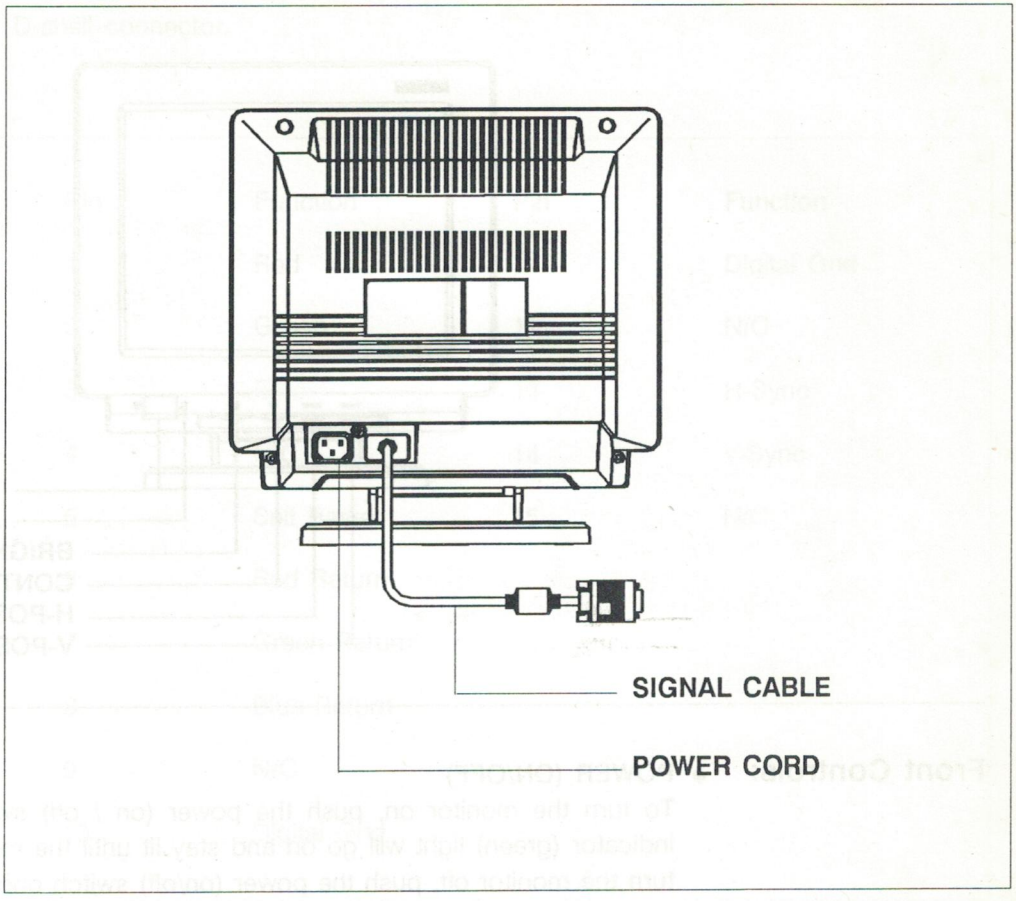
- **BRIGHT (Brightness Control)**
  Used to adjust the brightness of the background.

- **CONT (Contrast Control)**
  Used to adjust the sharpness of the characters.

- **H.POSI (Horizontal Position Control)**
  Adjust this knob for proper horizontal display position. Turn clockwise to reposition display to the right, counter clockwise to reposition to the left.

- **V.POSI (Vertical Position Control)**
  Adjust this knob for proper vertical positioning of the display.

REAR VIEW



HOW TO INSTALL THE TILT/SWIVEL STAND

Your color monitor includes a special tilt stand you can install to adjust your viewing angle. This stand was designed specifically for this monitor and is the only one you should use. Using any other stand may result in instability and may cause possible damage or injury.

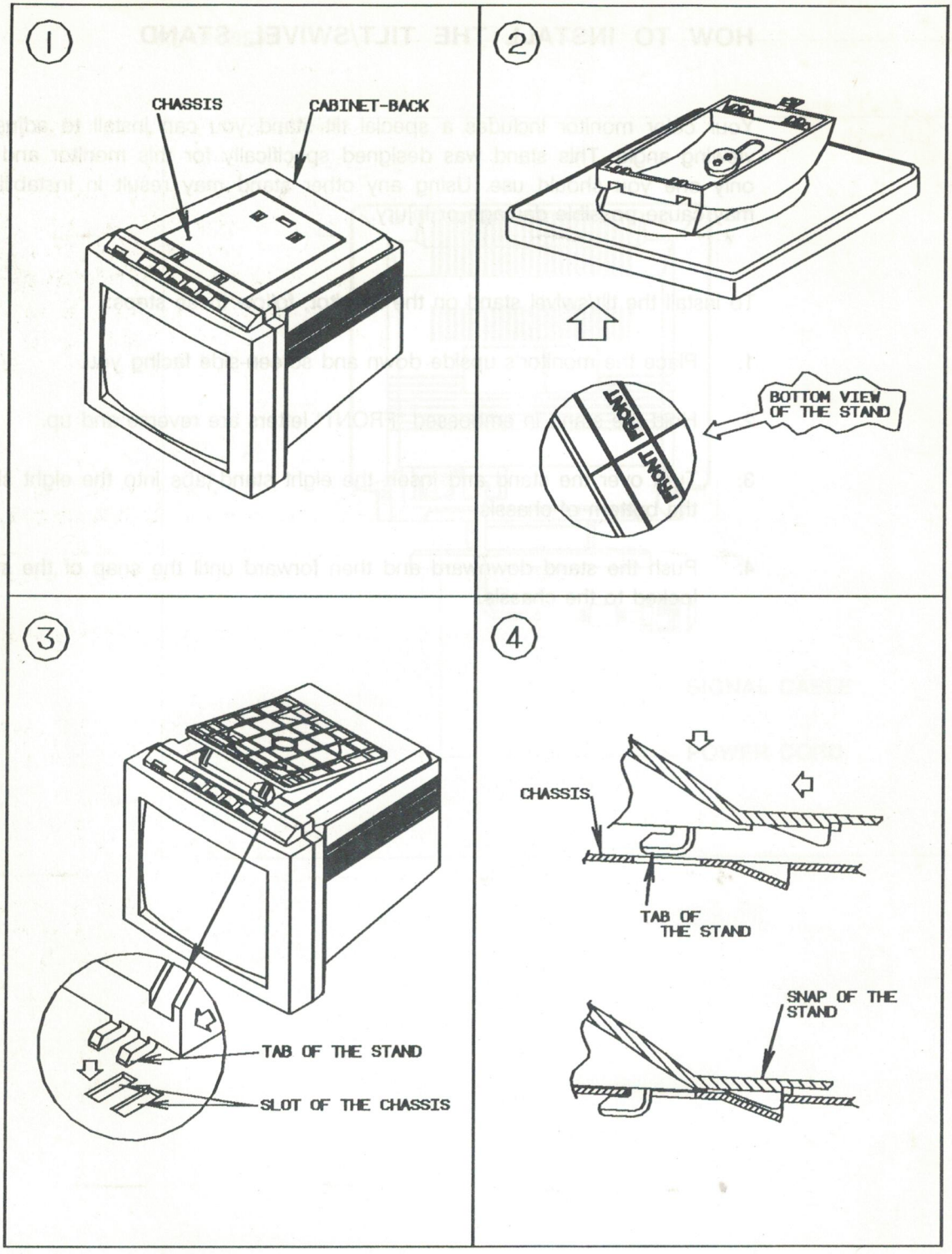
To install the tilt/swivel stand on the monitor, follow these steps:

1. Place the monitor's upside down and screen-side facing you.

2. Hold the stand in embossed "FRONT" letters are reverse and up.

3. Turn over the stand and insert the eight stand-tabs into the eight slots on the bottom of chassis.

4. Push the stand downward and then forward until the snap of the stand is locked to the chassis.


1
CHASSIS
CABINET-BACK
2
BOTTOM VIEW
OF THE STAND
FRONT
FRONT
3
TAB OF THE STAND
SLOT OF THE CHASSIS
4
CHASSIS
TAB OF
THE STAND
SNAP OF THE
STAND

Specifications:

- CRT size ..... 14"(90°)
- CRT Dot pitch ..... 0.31mm(non-Glare: CVL4951)
  0.39mm(non-Glare: CVL4953)
  0.41mm(Glare: CVL4954)
  0.41mm(non-Glare: CVL4955)
  0.52mm(Glare: CVL4956)
- Scanning Frequency

  Horizontal ..... 31.5 KHz
  Vertical 60/70Hz
- Scanning status

  Mode 1 ..... 720 Dots x 350 Lines
  Mode 2 ..... 720 Dots x 400 Lines
  Mode 3 ..... 640 Dots x 480 Lines
- Signal Input ..... RGB/Analog separate
- Power Input 120VAC,60Hz
- Dimensions ..... 356 (W) x 382 (D) x 352 (H) mm (With Stand)
- Weight ..... 11.5 Kg (With Stand)

* Specifications are subject to change without notice.

MEMO

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